

PDR RID Report

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Document FOS Hardware Design

RID ID	PDR	47
Review	FOS	
Originator Ref	IVV-GP-01	
Priority	2	

Section NA

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Figure Table NA

Category Name Design

Actionee HAIS

Sub Category

Subject RAID Storage for Release A

Description of Problem or Suggestion:

Level 4 requirement F-HRD-02075 requires raw disk storage to be at least 100 GB for the system. This requirement was then allocated to Release A in the "Requirements By Release" matrix contained in the Verification Specification for the ECS Project. However, it was indicated during the FOS PDR presentation that the Data Storage Unit would have a 54 GB Raw Disk and that the sizing was due to the AM1 mission requirements. This is consistent with paragraph 4.2.6 of the FOS Design Specification. What is not clear is how the rest of the storage will be allocated between subsequent releases since, according to some of the documentation, the entire 100 GB requirement was allocated to Release A.

Originator's Recommendation

Clarify the disk storage allocation between the various releases to provide consistency between the Design Specification and the Verification Specification.

GSFC Response by:

GSFC Response Date

HAIS Response by: D. Herring

HAIS Schedule 1/13/95

HAIS R. E. A. Miller

HAIS Response Date 1/19/95

The requirement pertaining to disk storage allocation will be updated in the FOS Level 4 Requirements Specification to be consistent with the anticipated value for the AM-1 mission. Specifically, the RAID storage will be a minimum of 40 GB and expandable up to 100 GB.

Status Closed

Date Closed 2/1/95

Sponsor Johns

***** Attachment if any *****